

GOVERNMENT OF KIRIBATI
POSITION DESCRIPTION

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| 1. Ministry: Ministry of Infrastructure and Sustainable Energy | | |
| 2. Position Title: Senior Civil Structural Engineer | 3. Salary Level: L6 | 4. Division: Civil Engineering Unit |
| 5. Reports To: Principal Civil Engineer | 6. Direct Reports: Director General of Engineering | |
| 7. Primary Objective of the Position: To standardize bridge/coastal structures development, and carrying out structural analysis and design, load rating of roadway, bridge components and coastal structure development for design/build and conventional bridge/coastal structures projects. | | |

| 8. Position Overview | |
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| 9. Financial: NIL | 10 Legal: Kiribati National Conditions of Service 2012 Traffic Act 2006 Civil Aviation Regulations Civil Coastal Guidelines |
| 11. Internal Stakeholders: <ul style="list-style-type: none"> • Supervisor • Colleague To be referred to Manager: <ul style="list-style-type: none"> • Externally request of technical advices and assistance • Standard Procedure on Structure Design • Complex design solution • Loading Standard in accordance to AUS/NZS standard | 12. External Stakeholders: <ul style="list-style-type: none"> • Other Ministries • Public Servants • Urban and Rural Servants To be referred to Manager Senior Civil Engineer for guidance on civil project development |

This position description provides a comprehensive, but not exhaustive, outline of the key activities of the role. It is an expectation that you may be required to perform additional duties as required.

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| 13. KEY ACCOUNTABILITIES <i>(Include linkage to KDP, MOP and Divisional Plan)</i> <ul style="list-style-type: none"> ▪ KDP/KPA: ▪ MOP Outcome: ▪ Divisional/Departmental/Unit Plan: | | |
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| Key Result Area/Major Responsibilities | Major Activities/Duties | Performance Measures/Outcomes |
| Office Activities | <ol style="list-style-type: none"> 1. Provide technical ability to assess existing bridges and coastal structures development. 2. Provide suitable material best suit situation based on timber, concrete and steel structures 3. Be innovative on concrete admixture to improve concrete construct-ability 4. Analysis new long span bridges in accordance to relevant design code 5. Standardize single span bridge design to rural area. 6. Keep to up to date with relevant design code standard to purchase | Recurrent activities manage to achieve on timely basis |
| Field Activities | <ol style="list-style-type: none"> 7. Onsite construction verification first stage prior erecting structural members of bridges and coastal structures. 8. Investigation on existing bridges and coastal structures require for either maintenance or demolishing should be implied. | <p>Weekly or Monthly basis activities depend on civil construction work.</p> <p>Upon requested to investigate structural-ability of existing civil structures where duration depend on the size of structures</p> |
| Supervision | <ol style="list-style-type: none"> 9. Work closely with Site Engineer to ensure construction is accordance to design of bridges or coastal structures. | Successful completion of bridges and costal structures. |

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| | 10. To train other engineers utilize engineering software for structural analysis | Successful candidate that participate to contribute future development of civil structures |
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| 10. Key Challenges | 11. Selection Criteria |
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| <ol style="list-style-type: none">1) Provide funding for effective engineering software and relevant standard from overseas.2) Able to liaise with client for best design solution for bridges and coastal structures.3) Be able to proactive enough to identify the upcoming issues to be encounter on bridge and coastal structures development | <p>11.1 PQR (Position Qualification Requirement): Qualification: Degree in Civil Engineering or Degree in related field</p> <p>Experience: 3 years of working experiences on infrastructures development</p> <p>Job Training: To be trained on job or attached to any of engineering firm in relation to civil design work</p> <p>Prerequisite: NIL</p> |
| | <p>11.2 Key Attributes (Personal Qualities):</p> <p>1. Knowledge</p> <ul style="list-style-type: none">• Coherent with appropriate standards• English Language• Customer Services• Education and Training• Occupation Heath and Safety <p>2. Skills:</p> <ul style="list-style-type: none">• Active listening• Critical thinking |

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| | <ul style="list-style-type: none">• Reporting• Highly engineering solving problem• Advance thinking in engineering judgment• Advance in Microsoft Project, Excel and Work and engineering software <p>3. Attributes</p> <ul style="list-style-type: none">• Concern for others• Understand key of moral ethics• Self Control• Integrity• Team work |
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